

## EAST Search History

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp          |
|-------|------|---|---|------------------|---------|---------------------|
| S1    | 31   | vollmer-dirk.in. or weible-reinhold.in.   | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/07/09<br>14:07 |
| S2    | 14   | "20060202144"   "4016965"   "4482094"   "4482094"   "5082180"  <br>"6688579"   "6837221").PN. | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/07/09<br>14:12 |
| S3    | 4    | "4878650"   "6328276").PN.  | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/07/09<br>14:13 |
| S4    | 532  | 251/50.ccls.  | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/07/09<br>14:15 |
| S5    | 825  | 251/24,123,124,129.17.ccls.   | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/07/09<br>15:06 |
| S6    | 66   | 251/24,123,124,129.17.ccls. and damp\$5   | US-PGPUB;<br>USPAT;<br>USOOR; EPO;<br>JPO;<br>DERWENT | OR               | OFF     | 2009/07/09<br>15:07 |

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|-----|----|--|--|----|-----|---------------------|
| S7  | 32 | 251/120,24,123,124,129.01,129.07,282,331,129.17.ccls. and (damp\$5 same throttl\$3)  | US-PGPUB;<br>USPAT;<br>USOOCR; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/07/09<br>15:32 |
| S8  | 20 | "3234966"   "3298677"   "3521857"   "3675681"   "3721431"  <br>"3960177"   "4078025"   "4305892"   "4329964"   "4379096"  <br>"4387063"   "4539163"   "4966735"   "5480123").PN. OR ("6367772").<br>URPN.  | US-PGPUB;<br>USPAT; USOOCR                             | OR | OFF | 2009/07/09<br>15:46 |
| S9  | 1  | ("3450381").URPN.  | USPAT  | OR | OFF | 2009/07/09<br>15:54 |
| S10 | 11 | "2500555"   "2679263"   "3316031"   "3450381"   "3631887"  <br>"4287813"   "4340234").PN. OR ("4484726").URPN.   | US-PGPUB;<br>USPAT; USOOCR                             | OR | OFF | 2009/07/09<br>15:55 |
| S11 | 88 | "2019650"   "2022643"   "2190464"   "2770394"   "3556464"  <br>"3779225"   "3810485"   "3958902"   "4161161"   "4174693"  <br>"4214565"   "4269361"   "4303096"   "4417693"   "4485843"  <br>"4501246"   "4569641"   "4618095"   "4619239"   "4627571"  <br>"4628727"   "4730585"   "4747545"   "4782807"   "4829967"  <br>"4889288"   "4911366"   "4917065"   "4957275"   "4979674"  <br>"4986728"   "5025768"   "5062449"   "5118076"   "5125807"  <br>"5241935"   "5341783"   "5345916"   "5373828"   "5385455"  <br>"5423484"   "5425341"   "5427352"   "5441029"   "5464334"  <br>"5494219"   "5517972"   "5524826"   "5533481"   "5562428"  <br>"5566660"   "5619969"   "5632444"   "5647536"   "5651501"  <br>"5662087"   "5669356"   "5673853"   "5685490"   "5694903"  <br>"5706778"   "5709341"   "5711277"   "5727738"   "5730104"  <br>"5730261"   "5738075"   "5749717"   "5752659"   "5765755"  <br>"5769319"   "5775301"   "5803370"   "5860597"   "5865213"  <br>"5868317"   "5954487").PN. OR ("6059545").URPN. | US-PGPUB;<br>USPAT; USOOCR                             | OR | OFF | 2009/07/09<br>15:57 |
| S12 | 14 | "3236767"   "3668231"   "3768517"   "4634096"   "4852853"  <br>"5139224"   "5601275"   "5722633"   "5918635"   "6003838"  <br>"6021997"   "6739571"   "6959907").PN. OR ("7040594").URPN.  | US-PGPUB;<br>USPAT; USOOCR                             | OR | OFF | 2009/07/09<br>16:42 |
| S13 | 11 | "251"/\$.ccls. or "137"/\$.ccls.) and ((damping adj1 chamber) same<br>(groove or notch or chamfer) same throttl\$3)  | US-PGPUB;<br>USPAT; USOOCR                             | OR | OFF | 2009/07/09<br>16:54 |
| S14 | 2  | ("5560549"   "5901941").PN. OR ("6820858").URPN.   | US-PGPUB;<br>USPAT; USOOCR                             | OR | OFF | 2009/07/09<br>17:00 |
| S15 | 19 | "251"/\$.ccls. or "137"/\$.ccls.) and ((damping adj1 chamber) same<br>(groove or notch or chamfer or slit or recess\$4) same throttl\$3)   | US-PGPUB;<br>USPAT; USOOCR                             | OR | ON  | 2009/07/09<br>17:02 |

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| S16 | 128 | "251"/\$.ccls. or "137"/\$.ccls.) and (damping same (groove or notch or chamfer or slit or recess\$4) same thro\$3)   | US-PGPUB;<br>USPAT; USOCR | OR | ON  | 2009/07/13<br>08:44 |
| S17 | 2   | "5560549"   "5901941").PN. OR ("6820858").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/07/13<br>08:47 |
| S18 | 1   | "3450381").URPN.  | USPAT                     | OR | OFF | 2009/07/13<br>10:05 |
| S19 | 12  | "5832883").PN. OR ("6101992").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/07/13<br>10:16 |
| S20 | 16  | "5261610"   "5490534"   "5704314"   "5762035"   "5785016"  <br>"5927237"   "5961097"   "5964192"   "5967413"   "6032925"  <br>"6062531"   "6101992"   "6289858").PN. OR ("6554248").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/07/13<br>10:21 |
| S21 | 12  | "4067667"   "4515343"   "4883025"   "5223812"   "5762035"  <br>"5832883"   "5988124"   "6101992").PN. OR ("6572074").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/07/13<br>10:33 |
| S22 | 62  | "2923521"   "3833102"   "4312494"   "4457270").PN. OR ("4515343").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/07/13<br>10:59 |
| S23 | 62  | "2923521"   "3833102"   "4312494"   "4457270").PN. OR ("4515343").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/07/13<br>11:35 |
| S24 | 85  | "2923521"   "3036808"   "3383084"   "3814376"   "3853102"  <br>"3882833"   "4000756"   "4009695"   "4392632"   "4455543"  <br>"4512549"   "4515343"   "4544986").PN. OR ("4794890").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/07/13<br>11:48 |
| S25 | 12  | "4067667"   "4515343"   "4883025"   "5223812"   "5762035"  <br>"5832883"   "5988124"   "6101992").PN. OR ("6572074").URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/07/13<br>12:02 |
| S26 | 4   | "3164225").URPN.  | USPAT                     | OR | OFF | 2009/07/13<br>12:10 |
| S27 | 4   | "3164225").URPN.  | USPAT                     | OR | OFF | 2009/07/13<br>12:14 |
| S28 | 19  | "3661183"   "4531708"   "5110087"   "5244150"   "5462253"  <br>"5540564"   "5547165"   "5560549"   "5615860"   "5785298"  <br>"5901941").PN. OR ("6062531").URPN.                         | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/07/13<br>12:48 |

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| S29 | 104 | "0850738"   "1053340"   "2169683"   "2267515"   "2840769"  <br>"2860850"   "2947284"   "3136220"   "3185779"   "3219095"  <br>"3368791"   "3429340"   "3433256"   "3498330"   "3521854"  <br>"3529620"   "3534770"   "3545472"   "3586287"   "3628767"  <br>"3688495"   "3817488"   "3861643"   "3861644"   "3873060"  <br>"3961644"   "3982554"   "4005733"   "4120214"   "4196751"  <br>"4251052"   "4258749"   "4285603"   "4299374"   "4304391"  <br>"4337794"   "4386626"   "4419642"   "4522371"   "4524948"  <br>"4534375"   "4567910"   "4601277"   "4715396"   "4729397"  <br>"4846439"   "4875499"   "4967781"   "4971116").PN. OR ("5110087").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/07/13<br>13:12 |
| S30 | 104 | "0850738"   "1053340"   "2169683"   "2267515"   "2840769"  <br>"2860850"   "2947284"   "3136220"   "3185779"   "3219095"  <br>"3368791"   "3429340"   "3433256"   "3498330"   "3521854"  <br>"3529620"   "3534770"   "3545472"   "3586287"   "3628767"  <br>"3688495"   "3817488"   "3861643"   "3861644"   "3873060"  <br>"3961644"   "3982554"   "4005733"   "4120214"   "4196751"  <br>"4251052"   "4258749"   "4285603"   "4299374"   "4304391"  <br>"4337794"   "4386626"   "4419642"   "4522371"   "4524948"  <br>"4534375"   "4567910"   "4601277"   "4715396"   "4729397"  <br>"4846439"   "4875499"   "4967781"   "4971116").PN. OR ("5110087").<br>URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/07/13<br>14:24 |
| S31 | 0   | "2005/0001183").URPN.  | USPAT                     | OR | OFF | 2009/07/14<br>10:33 |
| S32 | 88  | "2019650"   "2022643"   "2190464"   "2770394"   "3556464"  <br>"3779225"   "3810485"   "3958902"   "4161161"   "4174693"  <br>"4214565"   "4269361"   "4303096"   "4417693"   "4485843"  <br>"4501246"   "4569641"   "4618095"   "4619239"   "4627571"  <br>"4628727"   "4730585"   "4747545"   "4782807"   "4829967"  <br>"4889288"   "4911366"   "4917065"   "4957275"   "4979674"  <br>"4986728"   "5025768"   "5062449"   "5118076"   "5125807"  <br>"5241935"   "5341783"   "5345916"   "5373828"   "5385455"  <br>"5423484"   "5425341"   "5427352"   "5441029"   "5464334"  <br>"5494219"   "5517972"   "5524826"   "5533481"   "5562428"  <br>"5566660"   "5619969"   "5632444"   "5647536"   "5651501"  <br>"5662087"   "5669356"   "5673853"   "5685490"   "5694903"  <br>"5706778"   "5709341"   "5711277"   "5727738"   "5730104"  <br>"5730261"   "5738075"   "5749717"   "5752659"   "5765755"  <br>"5769319"   "5775301"   "5803370"   "5860597"   "5865213"  <br>"5868317"   "5954487").PN. OR ("6059545").URPN. | US-PGPUB;<br>USPAT; USOCR | OR | OFF | 2009/07/14<br>10:37 |

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| S33 | 0   | 251/23,50.ccls. and noncircular   | US-PGPUB;<br>USPAT; USOCR                             | OR | OFF | 2009/07/14<br>10:51 |
| S34 | 6   | 251/23,50.ccls. and (polygon\$4 or noncircular or non-circular)   | US-PGPUB;<br>USPAT; USOCR                             | OR | OFF | 2009/07/14<br>10:51 |
| S35 | 27  | "251"/\$.ccls. or "137"/\$.ccls.) and ((polygon\$3 or non-circular or noncircular or square) adj4 damp\$3)                          | US-PGPUB;<br>USPAT; USOCR                             | OR | OFF | 2009/07/14<br>10:56 |
| S36 | 31  | "251"/\$.ccls. or "137"/\$.ccls.) and ((polygon\$3 or non-circular or noncircular or square) adj4 damp\$3)                          | US-PGPUB;<br>USPAT; USOCR                             | OR | OFF | 2009/07/14<br>11:04 |
| S37 | 10  | "2868492").URPN.  | USPAT   | OR | OFF | 2009/07/14<br>11:16 |
| S38 | 5   | "2826215"   "2826215"   "4312380"   "4312380"   "5915669"   "6065734").PN.  | US-PGPUB;<br>USPAT; USOCR                             | OR | OFF | 2009/07/14<br>11:34 |
| S39 | 2   | "6328276".pn.   | US-PGPUB;<br>USPAT;<br>USOCR; EPO;<br>JPO;<br>DERWENT | OR | OFF | 2009/07/14<br>15:15 |
| S40 | 12  | "2621015"   "3737141"   "4114125"   "4364541"   "4878650"   "4932434"   "5443241"   "5791630"   "5810330").PN. OR ("6328276").URPN. | US-PGPUB;<br>USPAT; USOCR                             | OR | OFF | 2009/07/14<br>15:15 |
| S41 | 0   | "251"/\$.ccls. and (diaphragm with (lost adj2 motion))  | US-PGPUB;<br>USPAT; USOCR                             | OR | ON  | 2009/07/14<br>15:20 |
| S42 | 0   | "251"/\$.ccls. and (diaphragm with (lost adj2 motion))  | US-PGPUB;<br>USPAT; USOCR                             | OR | ON  | 2009/07/14<br>15:20 |
| S43 | 0   | "251"/\$.ccls. and (diaphragm same (lost adj2 motion))  | US-PGPUB;<br>USPAT; USOCR                             | OR | ON  | 2009/07/14<br>15:20 |
| S44 | 563 | 251/129.17,129.19.ccls.   | US-PGPUB;<br>USPAT; USOCR                             | OR | ON  | 2009/07/14<br>15:23 |
| S45 | 25  | 251/129.19.ccls. and diaphragm  | US-PGPUB;<br>USPAT; USOCR                             | OR | ON  | 2009/07/14<br>15:25 |
| S46 | 66  | 251/63.4.ccls. and diaphragm  | US-PGPUB;<br>USPAT; USOCR                             | OR | ON  | 2009/07/14<br>15:40 |
| S47 | 218 | 251/63.4,129.17,129.19,50.ccls. and damp\$4   | US-PGPUB;<br>USPAT; USOCR                             | OR | ON  | 2009/07/14<br>16:05 |
| S48 | 1   | "4364541".pn.   | US-PGPUB;<br>USPAT; USOCR                             | OR | ON  | 2009/07/14<br>16:17 |

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|-----|---|---|-------|----|-----|---------------------|
| S49 | 0 | ("2004/0155212").URPN.                              | USPAT | OR | OFF | 2009/07/14<br>16:29 |
| S50 | 4 | ("4364541"   "5579741"   "5937884"   "5944053").PN. | USPAT | OR | OFF | 2009/07/14<br>16:31 |
| S51 | 0 | ("2004/0155212").URPN.                              | USPAT | OR | OFF | 2009/07/14<br>16:51 |

7/16/2009 4:09:40 PM

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